

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
RDID 04099 US

In Re Application Of: Bergmann et al.

Serial No.
10/816,298

APR 26 2004
Filing Date
April 1, 2004

Examiner
TBD

Group Art Unit
TBD

Title: NUCLEOTIDE ANALOGS WITH SIX-MEMBERED RINGS

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37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR
- ☐ the fee set forth in 37 CFR 1.17(p).

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NUCLEOTIDE ANALOGS WITH SIX-MEMBERED RINGS

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INFORMATION DISCLOSURE CITATION PIPE				Docket Number (Optional)		Application Number	
(Use several sheets if necessary)				Applicants(s): Bergmann et al		10/816,298	
				Filing Date: April 1, 2004		Group Art Unit: TBD	
U.S. PATENT DOCUMENTS							
Examiner Initials	Ref	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)
		2002/0165389	11/7/02	Vinayak et al.			
		2002/0165372	11/7/02	McGall et al.			
		4,458,066	7/3/84	Caruthers et al.			
		4,996,143	2/26/91	Heller et al.			
		5,002,867	3/26/91	Macevicz			
		5,130,238	7/14/92	Malek et al.			
		5,130,238	7/14/92	Malek et al.			
		5,130,446	7/14/92	Musso et al.			
		5,143,854	9/1/92	Pirrung et al.			
		5,202,231	4/13/93	Drmanac et al.			
		5,210,015	5/11/93	Gelfand et al.			
		5,314,893	5/24/94	Tino et al.			
		5,451,463	9/19/95	Nelson et al.			
		5,487,972	1/30/96	Gelfand et al.			
		5,516,785	5/14/96	Zoltewicz et al.			
		5,545,522	8/13/96	Van Gelder et al.			
		5,565,322	10/15/96	Heller			
		5,607,922	3/4/97	DeClercq et al.			
		5,668,113	9/16/97	DeClercq et al.			
		5,804,375	9/8/98	Gelfand et al.			
		5,849,489	12/15/98	Heller			
		5,891,636	4/6/99	Van Gelder et al.			
		6,022,963	2/8/00	McGall et al.			
		6,103,476	8/15/00	Tyagi et al.			
		6,130,323	10/10/00	Su et al.			
		6,156,501	12/5/00	McGall et al.			
		6,162,603	12/19/00	Heller			
		6,174,670	1/16/01	Wittwer et al.			
		6,291,170	9/18/01	Van Gelder et al.			
		6,344,316	2/5/02	Lockhart et al.			
FOREIGN PATENT DOCUMENTS							
	Ref	Document Number	Date	Country	Class	Subclass	Translation
		DE 39 43 522 A1	2/7/91	Germany			
		EP 0 135 587 B2	12/18/02				
		EP 0 313 219 B1	5/8/96				
		EP 0 439 182 B1	7/31/91				
		EP 0 468 352 A2	1/29/92				
		EP 0 476 014 B1	3/25/92				
		EP 0 646 125 B1	4/5/95				
		EP 1 251 168 A1	10/23/02				

	EP 1 251 179 A2	10/23/02			
	EP 1 254 962 A1	11/6/02			
	WO 00/06771	2/10/00			
	WO 00/58493	10/5/00			
	WO 01/02417 A1	1/11/01			
	WO 01/18003 A1	3/15/01			
	WO 01/37291 A1	5/25/01			
	WO 01/49687	7/12/01			
	WO 01/85220	11/15/01			
	WO 02/072779	9/19/02			
	WO 02/12263 A1	2/14/02			
	WO 02/18406	3/7/02			
	WO 89/10977	11/16/89			
	WO 89/11548	11/30/89			
	WO 90/01069	2/8/90			
	WO 90/15070	12/13/90			
	WO 91/15488	10/17/91			
	WO 92/00989	1/23/92			
	WO 92/02638	2/20/92			
	WO 92/08808	5/29/92			
	WO 92/10092	6/25/92			
	WO 93/17020	9/2/93			
	WO 93/17126	9/2/93			
	WO 93/25565	12/23/93			
	WO 96/05213	2/22/96			
	WO 96/41811	12/27/96			
	WO 97/27317	7/31/97			
	WO 97/30064	8/21/97			
	WO 97/43451	11/20/97			
	WO 98/25943	6/18/98			
	WO 99/15509	4/1/99			

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

	Abramson, R.D., Myers, T.W., "Nucleic Acid Amplification Technologies", Current Opinion in Biotechnology 1993, 4:41-47
	Allart, B., Busson, R., Rozenski, J., Van Aerschot, A., Herdewijn, P., "Synthesis of Protected D-Altritol Nucleosides as Building Blocks For Oligonucleotide Synthesis", Tetrahedron 55 (1999) 6527-6546
	Allart, B., Khan, K., Rosemeyer, H., Schepers, G., Hendrix, C., Rothenbacher, K., Seela, F., VanAerschot, A., Herdewijn, "D-Altritol Nucleic Acids (ANA): Hybridisation Properties, Stability, and Initial Structural Analysis", Chem. Eur. J., 1999, 5, No. 8, pp 2424-2431
	Andersen, M.W., Dalage, S.M., Kerremans, L., Herdewijn, P., "The Synthesis of Modified D- and L- Anhydrohexitol Nucleosides", Abstract: 1996
	Arango, J.H., Geer, A., Rodriguez, J., Young, P.E., Scheiner, P., "Cyclohexenyl Nucleosides and Related Compounds", Nucleosides & Nucleotides, 12(7), 773-784 (1993)
	Atkins, D., Miller, M., DeBouvere, B., VanAerschot, A., Herdewijn, P., "Evaluation of the cellular uptake of hexitol nucleic acids in HeLa cells", Pharmacology 55, (2000), pp 615-617
	Barany, F., "Genetic Disease Detection and DNA Amplification Using Cloned Thermostable Ligase", Proc. Natl. Acad. Sci. USA, Vol. 88, January 1991, pp 189-193
	Barany, F., "The Ligase Chain Reaction in a PCR World", PCR Methods and Applications, 1:5-16, 1991

	Beaucage, S.L., Caruthers, M.H., "Deoxynucleoside Phosphoramidites – A New Class of Key Intermediates for Deoxypolynucleotide Synthesis", "Tetrahedron Letters, Vol. 22, No. 20, pp 1859-1862, 1981
	Boudou, V., Kerremans, L., DeBouvere, B., Lescrinier, E., Schepers, G., Busson, R., VanAerschot, A., Herdewijn, P. "Base pairing of anhydrohexitol nucleosides with 2,6-diaminopurine, 5-methylcytosine and uracil as base moiety", Nucleic Acids Research, 1999, Vol. 27, No. 6, pp 1450-1456
	Brown, E.L., Belagaje, R., Ryan, M.J., Knorana, H.G. "Chemical Synthesis and Cloning of a Tyrosine tRNA Gene", Methods in Enzymology, Vol. 68, 1979, pp 109-151
	Brown, S.G., King, B.F., Kim, Y.C., Jang, S.Y., Burnstock, G., Jacobson, K.A., "Activity of Novel Adenine Nucleotide Derivatives as Agonists and Antagonists at Recombinant Rat P2X Receptors", "Drug Development Research, 49:253-259 (2000)
	DeBouvere, B., Kerremans, L., Rozenski, J., Janssen, G., Aerschot, A.V., Claes, P., Busson, R., Herdewijn, P. "Improved Synthesis of Anhydrohexitol Building Blocks for Oligonucleotide Synthesis", Liebigs Ann./Recueil, 1997, 1453-1461
	DeWinter, H., Lescrinier, E., Van Aerschot, A., Herdewijn, P. "Molecular Dynamics Simulation to Investigate Differences in Minor Groove Hydration of HNA/RNA Hybrids As Compared to HNA/DNA Complexes", J. Am. Chem. Soc., 1998, 120, 5381-5394
	Froeyen, M., Wroblowski, B., Esnoufl R., DeWinter, H., Allart, B., Lescrinier, E., Herdewijn, P. "Molecular-Dynamics Studies of Single-Stranded Hexitol, Altritol, Mannitol, and Ribose Nucleic Acids (HNA, MNA, ANA, and RNA, Resp.) and of the Stability of HNA-RNA, ANA-RNA, and MNA-RNA Duplexes", Helvetica Chimica Acta, Vol 83, (2000), 2153-2182
	Garegg, P.J., Regberg, T., Stawinski, J., Stromberg, R., "Formation of Internucleotidic Bonds via Phosphonate Intermediates", Chemica Scripta 1985, 25, 280-282
	Giegrich, H., Eisele-Buhler, S., Hermann, C., Kvasnyuk, E., Charubala, R., Pfeiderer, W., "New Photolabile Protecting Groups in Nucleoside and Nucleotide Chemistry – Synthesis, Cleavage Mechanisms and Applications", Nucleosides & Nucleotides, 17(9-11), 1987-1996 (1998)
	Guatelli, J.C., Whitfield, K.M., Kwok, D.Y., Barringer, K.J., Richman, D.D., Gingeras, T.R., "Isothermal, in vitro amplification of nucleic acids by a multienzyme reaction modeled after retroviral replication", Proc. Natl. Acad. Sci. USA, Vol. 87, pp 1874-1878, March 1990
	Hendrix, C., Rosemeyer, H., Verheggen, I., Seela, F., Van Aerschot, A., Herdewijn, P., "1'5'-Anhydrohexitol Oligonucleotides: Synthesis, Base Pairing and Recognition by Regular Oligodeoxyribonucleotides and Oligoribonucleotides", Chem. Eur. J., 1997, 3, No. 1, pp 110-120
	Hendrix, C., Rosemeyer, H., Verheggen, I., Seela, F., Van Aerschot, A., Herdewijn, P., "1'5'-Anhydrohexitol Oligonucleotides: Hybridisation and Strand Displacement with Oligoribonucleotides, Interaction with RNase H and HIV Reverse Transcriptase", Chem. Eur. J., 1997, 3, No. 9, pp 1513-1520
	Herdewijn, P., Doboszewski, B., Verheggen, I., Van Aerschot, A., "1,3,4-Substituted pyranosyl-like oligonucleotides", Nucleic Acids Symposium Series, No. 31, pp 161-162
	Hoheisel, J.D., "Oligomer-chip technology", TIBTECH, November 1997, Vol. 15, pp 465-469
	Hossain, N., Wroblowski, B., Van Aerschot, A., Rozenski, J., DeBruyn, A., Herdewijn, P., "Oligonucleotides Composed of 2'-Deoxy-1',5' –anhydro-d-mannitol Nucleosides with a Purine Base Moiety", J. Org. Chem. 1998, 63, 1574-1582
	Jung, K.E., Kim, K., Yang, M., Lee, K., Lim, H., "Synthesis and Hybridization Properties of Oligonucleotides Containing 6-Membered Azasugar Nucleotides", Bioorganic & Medicinal Chemistry Letters 9, (1999), 3407-3410
	Katagiri, N., Ito, Y., Shiraishi, T., Maruyama, T., Sata, Y., Kaneko, C., "Deamination of 9-(Hydroxymethylated Cycloalkyl)-9H-Adenines (Carbocyclic Adeninonucleosides) by Adenosine Deaminase: Effect of High-Pressure Upon Deamination Rate and Enantioselectivity", Nucleosides & Nucleotides, 15(1-3), 631-647 (1996)
	Konkel, M.H., Vince, R., "Synthesis and Biological Activity of Cyclohexenyl Nucleosides, cis-5-

		(9H-Purin-9-yl)-3-Cyclohexenyl Carbinols and Their 8-Azapurinyl Analogs", Nucleosides & Nucleotides, 14(9&10), 2061-2077 (1995)
		Konkel, M.J., Vince, R., "Cyclohexenyl Nucleosides: Synthesis of cis-4-(9H-Purin-9-yl)-2-cyclohexenylcarbinols", Tetrahedron, Vol. 52, No. 3, pp 799-808, 1996
		Kozlov, I.A., DeBouvere, B., Van Aerschot, A., Herdewijn, P., Orgel, L.E., "Efficient Transfer of Information from Hexitol Nucleic Acids to RNA during Nonenzymatic Oligomerization", J. Am. Chem. Soc. 1999, 121, 5856-5859
		Kozlov, I.A., Politis, P.K., Pitsch, S., Herdewijn, P., Orgel, L.E., "A Highly Enantio-Selective Hexitol Nucleic Acid Template for Nonenzymatic Oligoguanylate Synthesis", Journal of the American Chemical Society, Vol. 121, No. 5, pp 1108-1109
		Kozlov, I.A., Politis, P.K., Van Aerschot, A., Busson, R., Herdewijn, P., Orgel, L.E., "Nonenzymatic Synthesis of RNA and DNA Oligomers on Hexitol Nucleic Acid Templates: The Importance of the A Structure", Journal of the American Chemical Society, Vol. 121, No. 12, March 31, 1999, pp 2653-2656
		Kozlov, I.A., Zielinski, M., Allart, B., Kerremans, L., Van Aerschot, A., Busson, R., Herdewijn, P., Orgel, L.E., "Nonenzymatic Template-Directed Reactions on Altritol Oligomers, Preorganized Analogues of Oligonucleotides", Chem. Eur. J. 2000, 6, No. 1, pp 151-155
		Kwoh, D.Y., Davis, G.R., Whitfield, K.M., Chappelle, H.L., DiMichele, L.J., Gingeras, T.R., "Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format", Proc. Natl. Acad. Sci. USA, Vol. 86, February 1989, pp 1173-1177
		Lescrinier, E., Esnouf, R., Schraml, J., Busson, R., Heus, H.A., Hilbers, C.W., Herdewijn, P., "Solution structure of a HNA-RNA hybrid", Chemistry & Biology 2000, 7:719-731
		Lescrinier, E., Esnouf, R.M., Schraml, J., Busson, R., Herdewijn, P., "Solution Structure of a Hexitol Nucleic Acid Duplex with Four Consecutive T-T Base Pairs", Helvetica Chimica Acta, Vol. 83, (2000), 1291-1310
		Luyten, I., Herdewijn, P., "Synthesis and Conformational Behavior of Purine and Pyrimidine B-D-threo-Hex-3'-enopyranosyl Nucleosides", Tetrahedron, Vol. 52, No. 27, pp 9249-9262, 1996
		Maurinsh, Y., Rosemeyer, H., Esnouf, R., Medvedovici, A., Wang, J., Ceulemans, G., Lescrinier, E., Hendrix, C., Busson, R., Sandra, P., Seela, F., Van Aerschot, A., Herdewijn, P., "Synthesis and Pairing Properties of Oligonucleotides Containing 3-Hydroxy-4-hydroxymethyl-1-cyclohexanyl Nucleosides", Chem. Eur. J. 1999, 5, No. 7, pp 2139-2150
		Maurinsh, Y., Schraml, J., DeWinter, H., Blaton, N., Peeters, O., Lescrinier, E., Rozenski, J., Van Aerschot, A., DeClercq, E., Busson, R., Herdewijn, P., "Synthesis and Conformational Study of 3-Hydroxy-4-(Hydroxymethyl)-1-Cyclohexanyl Purines and Pyrimidines", J. Org. Chem., 1997, 62, 2861-2871.
		Narang, S.A., Hsiung, H.M., Brosseau, R., "Improved Phosphotriester Method of the Synthesis of Gene Fragments", Methods in Enzymology, Vol. 68, 1979. pp 90-98
		Ostrowski, T., Wroblowski, B., Busson, R., Rozenski, J., DeClercq, E., Bennett, M.S., Champness, J.N., Summers, W.C., Sanderson, M.R., Herdewijn, P., "5-Substituted Pyrimidines with a 1,5-Anhydro-2,3-dideoxy-d-arabino-hexitol Moiety at N-1: Synthesis, Antiviral Activity, Conformational Analysis, and Interaction with Viral Thymidine Kinase", J. Med. Chem. 1998, 41, 4343-4353.
		Perez, M.J., DeClercq, E., Herdewijn, P., "Synthesis and Antiviral Activity of 2-Deoxy-1,5-Anhydro-D-Mannitol Nucleosides Containing a Pyrimidine Base Moiety", Bioorganic & Medicinal Chemistry Letters, Vol. 6, No. 13, pp 1457-1460, 1996
		Perez, M.J., Rozenski, J., Busson, R., Herdewijn, P., "Application of the Mitsunobu-Type Condensation Reaction to the Synthesis of Phosphonate Derivatives of Cyclohexenyl and Cyclohexanyl Nucleosides", J. Org. Chem., 1995, 60, 1531-1537
		Pochet, S., VanAerschot, A., Herdewijn, P., Marliere, P., "Replicative Capability of Anhydrohexitol Analogues of Nucleotides", Nucleosides & Nucleotides, 18 (4&5), 1015-1017

	(1999)
	Pravdic, N., Zidovec, B., Franjic, I., Fletcher, Jr., H.G., "Catalytic Hydrogenation of Some 2-Acetamindoaldose Derivatives", <i>Croatica Chemica Acta</i> 45 (1973), pp 343-356
	Ramesh, K., Wolfe, M.S., Lee, Y., VanderVelde, D., Borchardt, R.T., "Synthesis of Hydroxylated Cyclohexenyl- and Cyclohexanyladenines as Potential Inhibitors of S-Adenosylhomocysteine Hydrolase", <i>J. Org. Chem.</i> 1992, 57, 5861-5868
	Rosenquist, A., Kvarnstrom, I., "Synthesis of Enantiomerically Pure Bis (hydroxymethyl)-Branched Cyclohexenyl and Cyclohexyl Purines as Potential Inhibitors of HIV", <i>J. Org. Chem.</i> 1996, 61, 6282-6288
	Su, S.H., Iyer, R.S., Aggarwal, S.K., Kalra, K.L., "Novel Non-Nucleosidic Phosphoramidites for Oligonucleotide Modification and Labeling", <i>Biorganic & Medicinal Chemistry Letters</i> , Vol. 7, No. 13, pp 1639-1644, 1997
	Torimura, M., Kurata, S., Yamada, K., Yokomaku, T., Kamagata, Y., Kanagawa, T., Kurane, R., "Fluorescence-Quenching Phenomenon by Photoinduced Electron Transfer between a Fluorescent Dye and a Nucleotide Base", <i>Analytical Sciences</i> , January 2001, Vol. 17, 2001, 155-160
	Uhlmann, E., Peyman, A., "Antisense Oligonucleotides: A New Therapeutic Principle", <i>Chemical Reviews</i> , Vol. 90, No. 4, June 1990, pp 544-584
	VanAerschot, A., Verheggen, I., Herdewijn, P., "Synthesis of nucleoside analogues with a 1,5-anhydrohexitol moiety", <i>Bioorganic & Medical Chemistry Letters</i> , Vol. 3, No. 6, pp 1013-1018, 1993
	Vandermeeren, M., Preveral, S., Janssens, S., Geysen, J., Saison-Behmoaras, E., VanAerschot, A., Herdewijn, P. "Biological Activity of Hexitol Nucleic Acids Targeted at Ha-ras and Intracellular Adhesion Molecule-1 mRNA", <i>Biochemical Pharmacology</i> , Vol. 59, pp. 655-663, 2000
	Vastmans, K., Kerremans, L., Hendrix, C., VanAerschot, A., Pochet, S., Marliere, P., Herdewijn, P. "Recognition of 1,5-Anhydrohexitol Adenine Triphosphate by a DNA Polymerease", <i>Collection Symposium Series</i> , Vol. 2, 1999, pp 156-160
	Vastmans, K., Pochet, S., Peys, A., Kerremans, L., VanAerschot, A., Hendrix, C., Marliere, P., Herdewijn, P. "Enzymatic Incorporation in DNA of 1,5-Anhydrohexitol Nucleotides", <i>Biochemistry</i> , Vol. 39, No. 42, pp 12757-12765
	Vastmans, K., Rozenski, J., VanAerschot, A., Herdewijn, P. "Recognition of HNA and 1,5-anhydrohexitol nucleotides by DNA metabolizing enzymes", <i>Biochimica et Biophysica Acta</i> 1597 (2002) 115-122
	Verheggen, I., VanAerschot, A., Rozenski, J., Janssen, G., DeClercq, E., Herdewijn, P., "Synthesis of 1,5-Anhydrohexitol Nucleosides as Mimics of ATZ, D4T and DDC+", <i>Nucleosides & Nucleotides</i> , 15(103), 325-335 (1996)
	Verheggen, I., VanAerschot, A., Toppet, S., Snoeck, R., Janssen, G., Balzarini, J., DeClercq, E., Herdewijn, P. "Synthesis and Antiherpes Virus Activity of 1,5-Anhydrohexitol Nucleosides", <i>Journal of Medicinal Chemistry</i> , 1993, 36, pp 2033-2040
	Verma, S., Eckstein, F., "Modified Oligonucleotides: Synthesis and Strategy for Users", <i>Annu. Rev. Biochem.</i> 1998, 67:99-134
	Wang, J., Froeyen, M., Hendrix, C., Andrei, G., Snoeck, R., DeClercq, E., Herdewijn, P. "The Cyclohexene Ring System as a Furanose Mimic: Synthesis and Antiviral Activity of Both Enantiomers of Cyclohexenylguanine". <i>J. Med. Chem</i> 2000, 43; 736-745
	Wang, J., Herdewijn, P., "Enantioselective Synthesis and Conformational Study of Cyclohexene Carbocyclic Nucleosides". <i>J. Org. Chem.</i> 1999, 64, 7820-7827
	Wang, J., Verbeure, B., Luyten, I., Froeyen, M., Hendrix, C., Rosemeyer, H., Seela, F., VanAerschot, A., Herdewijn, P. "Cyclohexene Nucleic Acids (CeNA) Form Stable Duplexes With RNA and Induce RNase H Activity", <i>Nucleosides, Nucleotides & Nucleic Acids</i> , 204(4-7), 785-788 (2001)
	Wang, J., Verbeure, B., Luyten, I., Leschinier, E., Froeyen, M., Hendrix, C., Rosemeyer, H., Seela, F., VanAerschot, A., Herdewijn, P., "Cyclohexene Nucleic Acids (CeNA): Serum Stable

		Oligonucleotides that Activate RNase H and Increase Duplex Stability with Complementary RNA", J. Am. Chem. Soc. 2000, 122, 8595-8602
		Whelen, A.C., Persing, D.H., "The Role of Nucleic Acid Amplification and Detection in The Clinical Microbiology Laboratory", Annu. Rev. Microbiol. 1996, 50: 349-373
		WU, D.Y., Wallace, R.B., "The Ligation Amplification Reaction (LAR) – Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation", Genomics 4, 560-569 (1989)
Examiner		Date Considered
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-A820

P09A/REV04